

ABSTRACT

[0060] A sortation conveyor has a divert guide path which is configured to guide pushers to engage articles disposed on an endless conveying surface at an initial impact which does not result in an out of control situation even at high speeds. The divert guide path is disposed at a plurality of divert angles, and guides pushers to engage articles at a low initial contact divert angle and first lateral speed and to accelerate the articles to a final divert angle and second, higher, lateral speed. The pushers may be undergoing lateral acceleration at the time initial contact is made with the articles.